



PATENT
Docket No. 220772008900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

John E. BARNES

Serial No.: 09/992,786

Filing Date: November 13, 2001

For: THERMALLY TOLERANT SUPPORT
STRUCTURE FOR A CATALYTIC
COMBUSTION CATALYST

Examiner: To Be Assigned

Group Art Unit: 1775

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY
UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Catalytica Energy Systems, Inc., the assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Lisa A. Amii (Reg No. 48,199)
Mehran Arjomand (Reg No. 48,231)
Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)
Jonathan Bockman (Reg No. 45,640)
Barry E. Bretschneider (Reg No. 28,055)
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Stephen C. Durant (Reg No. 31,506)
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Matthew M. D'Amore (Reg No. 42,457)
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Karen B. Dow (Reg No. 29,684)
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 Michael J. Mauriel (Reg No. 44,226)
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 David Smith (Reg No. 39,839)
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 Eric Witt (Reg No. 44,408)
 Peter J. Yim (Reg No. 44,417)
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Alan S. Hodes (Reg No. 38,185)
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 Richard C. Kim (Reg No. 40,046)
 Lawrence B. Kong (Reg No. 49,043)
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 Todd W. Wight (Reg No. 45,218)
 David T. Yang (Reg No. 44,415)
 George C. Yu (Reg No. 44,418)
 Jie Zhou (Reg No. 52,395)

all of Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018, telephone (650) 813-5600, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

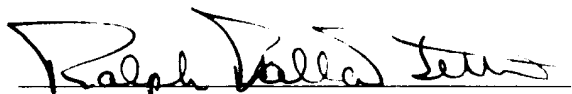
Please direct all written communications relative to this application to:

Jill A. Jacobson
Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018

Please direct all telephone communications to Jill A. Jacobson at (650) 813-5876.

Catalytica Energy Systems, Inc.
a Delaware corporation

Dated: Feb 27, 2003



Name: Ralph Dalla Betta
Title: Vice President & Chief Technology Officer
Address: 430 Ferguson Drive
Mountain View, California 94043



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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: John E. BARNES

Application No./Patent No.: 09/992,786

Filed/Issue Date: November 13, 2001

Entitled: THERMALLY TOLERANT SUPPORT STRUCTURE FOR A CATALYTIC COMBUSTION CATALYST

Catalytica Energy Systems, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012829, Frame 0299.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

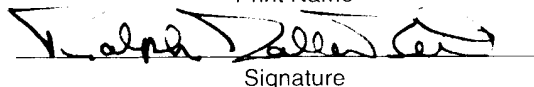
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February Feb 27, 2003
Date

Ralph DALLA BETTA

Print Name


Signature

Vice President & Chief Technology Officer

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FILES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Applicant/Patentee: John BARNES

Docket No.: 220772008900

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For: THERMALLY TOLERANT SUPPORT STRUCTURE FOR A CATALYTIC COMBUSTION CATALYST

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
37 C.F.R. §§ 1.9 AND 1.27 — SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below;
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN: Catalytica Energy Systems, Inc.

ADDRESS OF CONCERN: 430 Ferguson Drive, Mountain View, California 94043-5272

I hereby declare that the above identified small business concern qualifies as a small business concern pursuant to 37 C.F.R. 1.27 and 13 C.F.R. § 121.802, for purposes of paying reduced fees to the United States Patent and Trademark Office, and the number of employees of the concern, including those of its affiliates, does not exceed 500 persons.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled THERMALLY TOLERANT SUPPORT STRUCTURE FOR A CATALYTIC COMBUSTION CATALYST by inventor(s) John BARNES described in:

- ☐ the specification filed herewith with title as listed above.
☒ the application identified above.
☐ the patent identified above.

If the rights held by the above identified business concern are not exclusive, each individual, concern or organization having rights in the invention qualify for small entity status, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor if that person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.27, or a nonprofit organization under 37 C.F.R. § 1.27.

Each person, concern or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.
☐ each such person, concern or organization is listed below.

NAME	ADDRESS	TYPE
		<input type="checkbox"/> Individual <input type="checkbox"/> Small Business Concern <input type="checkbox"/> Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification or any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

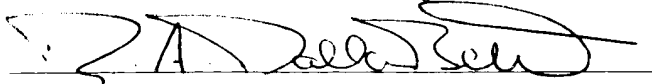
Ralph Dalla-Betta

TITLE OF PERSON IF OTHER THAN OWNER: Vice President & Chief Technology Officer

ADDRESS OF PERSON SIGNING:

430 Ferguson Drive, Mountain View, California 94043-5272

SIGNATURE:



DATE:

18 Feb 2003